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### NOTICE OF ALLOWANCE AND FEE(S) DUE

34610

7590

12/28/2007

KED & ASSOCIATES, LLP P.O. Box 221200 Chantilly, VA 20153-1200

| EXA      | AMINER        |
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| HARTMANN | II, KENNETH R |
| ART UNIT | PAPER NUMBER  |
| 2619     |               |

DATE MAILED: 12/28/2007

| 1 | APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----------------|-------------|----------------------|---------------------|------------------|
| ' | 10/630 731      | 07/31/2003  | Kyang-Ho Min         | P-0531              | 9364             |

TITLE OF INVENTION: APPARATUS AND METHOD FOR INCREASING CHANNEL CAPACITY OF A MOBILE COMMUNICATION SYSTEM

| APPLN. TYPĘ    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO           | \$1440        | \$300               | \$0                  | \$1740           | 03/28/2008 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

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- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

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| CURRENT CORRESPONDE   | NCE ADDRESS (Note: Use Blo  | ock 1 for any change of address)  | Fee(s  | s) Transmittal. This cer<br>rs. Each additional par  | tificate cannot be used fo  | domestic mailings of the<br>r any other accompanying<br>it or formal drawing, must   |
| 34610   | 7590 12/28/   | 2007  | ·  |  | ite of Mailing or Transr  | nission  |
| KED & ASSOC<br>P.O. Box 221200  | )   |   | addro  | eby certify that this Fe<br>is Postal Service with sessed to the Mail Sto  | e(s) Transmittal is being<br>sufficient postage for first   | deposited with the United class mail in an envelope  |
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| •   |   |   |  |  |   | (Signature)  |
|   |   |   | <del></del>  | <u> </u>   |   | (Date)   |
| APPLICATION NO.   | FILING DATE   | <u> </u>  | FIRST NAMED INVENTOR   | AT   | TORNEY DOCKET NO.   | CONFIRMATION NO.   |
| 10/630,721  | 07/31/2003  | <del> </del>  | Kyung-Ho Min   |  | P-0531  | 9364   |
| TITLE OF INVENTION  | : APPARATUS AND M   | ETHOD FOR INCREAS   | ING CHANNEL CAPACI   |  |   |  |
| APPLN. TYPE   | SMALL ENTITY  | ISSUE FEE DUE   | PUBLICATION FEE DUE  | PREV. PAID ISSUE FE  | E TOTAL FEE(S) DUE  | DATE DUE   |
| nonprovisional  | NO  | \$1440  | \$300  | \$0  | \$1740  | 03/28/2008   |
| EXAM  | INER  | ART UNIT  | CLASS-SUBCLASS   |  |   |  |
| HARTMANN II   | , KENNETH R   | 2619  | . 370-209000   |  |   |  |
| "Fee Address" ind   | ondence address (or Cha<br>3/122) attached.<br>ication (or "Fee Address<br>2 or more recent) attach | nge of Correspondence   | 2. For printing on the p (1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent attorney on a listed, no name will be | 3 registered patent att<br>vely,<br>e firm (having as a me<br>gent) and the names o<br>meys or agents. If no n               | mber a 2  | ·  |
| PLEASE NOTE: Unl<br>recordation as set fort<br>(A) NAME OF ASSIG  | ess an assignee is ident<br>h in 37 CFR 3.11. Comp<br>GNEE  | ified below, no assignee pletion of this form is NO   | (B) RESIDENCE: (CITY   | atent. If an assignee is assignment.  and STATE OR COU   | NTRY)   | ocument has been filed for   |
| Please check the appropr  | iate assignee category or   | categories (will not be p   |  | •  |   |  |
| 4a. The following fee(s) are submitted:  ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies                           |   |   | b. Payment of Fee(s): (Ples A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo   | d. Form PTO-2038 is  | attached.<br>he required fee(s), any de   |  |
| 5. Change in Entity Sta   | s SMALL ENTITY stat   | us. See 37 CFR 1.27.  | b. Applicant is no lon   |  |   |  |
| NOTE: The Issue Fee an interest as shown by the   | d Publication Fee (if req<br>records of the United Sta  | uired) will not be accepte<br>ates Patent and Trademark   | k Office.  | me applicant; a register   | cu attorney of agent, of the  | ne assignee or other party in  |
| Authorized Signature  |   |   |  |  |   |  |
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| 10/630,721         | 07/31/2003                       | Kyung-Ho Min           | P-0531                          | 9364             |
| 34610 759          | 90 12/28/2007                    |                        | EXAMI                           | NER              |
| KED & ASSOCIA      | ATES, LLP                        | HARTMANN II, KENNETH R |                                 |                  |
| P.O. Box 221200    |                                  |                        | ART UNIT                        | PAPER NUMBER     |
| Chantilly, VA 2015 | 53-1200                          | ,                      | 2619<br>DATE MAILED: 12/28/2007 |                  |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 956 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 956 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.